



[www.linksys.com/  
international](http://www.linksys.com/international)



Specifications are subject to change without notice. Linksys is a registered trademark of Cisco Systems, Inc. Other brands and product names are trademarks or registered trademarks of their respective holders. Copyright © 2003 Cisco Systems, Inc. All rights reserved.

**LINKSYS®**  
A Division of Cisco Systems, Inc.  
**Get Wired Go Wireless**  
**Autumn 2003 Product Guide**





Get Wired

Go Wireless

**Autumn 2003 Product Guide**



Share your high-speed Internet connection

Share your music, pictures, and other files

Secure your computers against Internet intruders

Play head-to-head games

Share your printer



## What's right for you?

### Go Wireless

Why Choose a Wireless Network?

Freedom—Work Anywhere

Quick, Effortless Installation

No Cables to Buy

Save Cabling Time and Hassle

Easy to Expand



### Get Wired

Why Choose a Wired Network?

Lower Cost

Faster Speed—Up to 1000Mbps

Longer Possible Range














## What you'll need



## What you'll need



Wireless Standard	802.11b	
Popularity		Widely adopted. Readily available everywhere.
Speed	<b>11 Mbps</b>	Up to 11Mbps (note: cable modem service typically averages no more than 4 to 5Mbps).
Relative Cost		Inexpensive.
Frequency	<b>2.4 GHz</b>	More crowded 2.4GHz band. Some conflict may occur with other 2.4GHz devices like cordless phones, microwave ovens, etc.
Range		Good Range. Typically up to 100-150 ft. indoors, depending on construction, building materials, room layout.
Public Access		The number of public "hotspots" is growing rapidly, allowing wireless connectivity in many airports, hotels, college campuses, public areas, and restaurants.
Compatibility	<b>OK</b> 802.11b	Widest adoption.

802.11a		802.11g	
	New technology.		New technology—rapidly growing.
<b>54 Mbps</b>	Up to 54Mbps (5X as fast as 802.11b).	<b>54 Mbps</b>	Up to 54Mbps (5X as fast as 802.11b).
	Relatively more expensive.		Relatively inexpensive.
<b>5 GHz</b>	Uncrowded 5GHz band can coexist with 2.4GHz networks without interference.	<b>2.4 GHz</b>	More crowded 2.4GHz band. Some conflict may occur with other 2.4GHz devices like cordless phones, microwave ovens, etc.
	Shorter range than 802.11b & 802.11g. Typically 25 to 75 feet indoors.		Good Range. Typically up to 100-150 ft. indoors, depending on construction, building materials, room layout.
<b>X</b>	None at this time.		Compatible with current 802.11b hotspots (at 11Mbps). Also, it is expected that most 802.11b hotspots will quickly convert to 802.11g.
<b>OK</b> 802.11a	Incompatible with 802.11b or 802.11g.	<b>OK</b> 802.11b 802.11g	Interoperates with 802.11b networks (at 11Mbps). Incompatible with 802.11a.

# Go Wireless



## Wireless-G ADSL Gateway

- High-speed ADSL Modem gives you a fast, "Always On" connection to the Internet
- Connect your PCs via the built-in Router and 4-port Switch to jump start your Ethernet network and share the Internet throughout your household
- Built-in Wireless-G (802.11g) Access Point also lets you connect without running wires
- Advanced firewall and security features protect your PCs, your data, and your family

**2.4GHz**  
802.11g

Data Rate: 54Mbps



## Wireless-G Cable Gateway

- High-speed DOCSIS 2.0-ready Cable Modem gives you a fast, "Always On" connection to the Internet
- Share the Internet -- connect one PC to the integrated Router via USB and four more via Ethernet using the built-in 10/100 Switch
- Built-in Wireless-G (802.11g) Access Point also lets you connect without running wires
- Advanced firewall and security features protect your PCs, your data, and your family

**2.4GHz**  
802.11g

Data Rate: 54Mbps



## Wireless-G Broadband Router

- All-in-one cable/DSL-sharing Router, 4-port Switch, and Wireless-G (802.11g) Access Point
- Data rates up to 54Mbps—5 times as fast as Wireless-B (802.11b)
- Shares a single Internet connection and other resources with Ethernet wired and Wireless-G clients
- Also works with Wireless-B clients (at 11Mbps)
- Advanced wireless security with WEP encryption and MAC filtering

**2.4GHz**  
802.11g

Data Rate: 54Mbps



## Wireless-G Access Point

- Set up a high-speed Wireless-G (802.11g) network in your home or office
- Data rates up to 54Mbps—5 times as fast as Wireless-B (802.11b)
- Also interoperates with Wireless-B networks (at 11Mbps)
- Advanced wireless security with WAP encryption and MAC filtering

**2.4GHz**  
802.11g

Data Rate: 54Mbps



## Wireless-G Notebook Adapter

- High-speed Wireless-G (802.11g) networking for your notebook computer
- Data rates up to 54Mbps—5 times as fast as Wireless-B (802.11b)
- Also interoperates with Wireless-B networks (at 11Mbps)
- Enhanced security—up to 128-bit WEP encryption

**2.4GHz**  
802.11g

Data Rate: 54Mbps





## Wireless-G PCI Adapter

- Wireless-G (802.11g) connectivity for your desktop PC
- Incredible data rates up to 54Mbps in the 2.4GHz radio band
- Also interoperates with Wireless-B (802.11b) networks at 11Mbps
- Put your PC wherever you want, with no cabling hassle

**2.4GHz**  
802.11g

Data Rate: 54Mbps



## Wireless-G Ethernet Bridge

- Converts wired-Ethernet devices to Wireless-G (802.11g) network connectivity
- Works without drivers on Windows®, Macintosh®, Linux®, PlayStation®2, Xbox™, or proprietary devices - anything with an Ethernet port!
- Provides high-speed cable-free bridging between remote workgroups
- Supports Power Over Ethernet for ease of installation (POE Adapter required)

**2.4GHz**  
802.11g

Data Rate: 54Mbps



## Wireless-G Game Adapter

- Lag-free head-to-head or Internet gaming at up to 54Mbps, without stringing wires
- Converts wired-Ethernet-ready game consoles to Wireless-G (802.11g) network connectivity
- Works without drivers on PlayStation®2, Xbox™, and GameCube™
- Also connects to Wireless-B (802.11b) networks at 11Mbps

**2.4GHz**  
802.11b

Data Rate: 11Mbps



## Wireless-B Broadband Router

- Router function shares your high-speed Internet connection with wired and wireless computers
- Built-in 4-port Ethernet Switch and Wireless Access Point jump-starts your home network to share printers and files
- Wireless connections are secured with 128-bit encryption with 802.11b data rates up to 11Mbps
- Included Setup Wizard takes you through configuring your network, step by step

**2.4GHz**  
802.11b

Data Rate: 11Mbps



## Wireless-B Access Point

- Access Point for Wireless-B (802.11b) networking
- Efficient diversity antennas provide excellent reliability and range
- Bridge multiple wired networks across rooms, floors, or buildings
- Data rates up to 11Mbps

**2.4GHz**  
**802.11b**

Data Rate: **11Mbps**



## Wireless-B Media Adapter

- Liberate your digital pictures and music!
- Connects your Home Entertainment Center to your PC through Wireless-B (802.11b) or wired networking
- Listen to your MP3 and WMA digital music collection through your stereo system
- Browse your digital pictures on your television (JPG, GIF, TIF, and BMP)
- Select songs and pictures from on-screen menus with the easy-to-use remote control

**2.4GHz**  
**802.11b**

Data Rate: **11Mbps**



## Wireless-B Internet Video Camera

- Sends high-quality live video to your network over Wireless-B (802.11b) or wired Ethernet
- Built-in stand-alone web server—no PC needed
- View the video stream from anywhere using your web browser
- Security Mode automatically sends email alert with video clip upon motion detection
- Supports up to four simultaneous users

**2.4GHz**  
802.11b  
Data Rate: 11Mbps



## Wireless-B Game Adapter

- Lag-free head-to-head or Internet gaming at up to 11Mbps, without stringing wires
- Converts wired-Ethernet-ready game consoles to Wireless-B (802.11b) network connectivity
- Works without drivers on PlayStation®2, Xbox™, and GameCube™
- Exclusive Channel Selector Button makes network setup a snap

**2.4GHz**  
802.11b  
Data Rate: 11Mbps



## Wireless-B PCI Adapter

- Wireless-B (802.11b) connectivity for your desktop PC
- Data rates up to 11Mbps in the 2.4GHz radio band
- Put your PC wherever you want, with no cabling hassle
- Included Setup Wizard takes you through configuration, step by step

**2.4GHz**  
**802.11b**  
Data Rate: **11Mbps**



## Wireless-B Notebook Adapter

- Wireless-B (802.11b) connectivity for notebook computers
- High-speed data rates up to 11Mbps in the 2.4GHz radio band
- Compatible with all major network operating systems
- Included Setup Wizard takes you through configuration, step by step

**2.4GHz**  
**802.11b**  
Data Rate: **11Mbps**



## Wireless-B USB Network Adapter

- Wireless-B (802.11b) connectivity through your USB Port
- High-speed data rates up to 11Mbps
- Get onto the wireless network without opening your PC's case
- Reduces networking costs—can be used with multiple PCs

**2.4GHz**  
802.11b  
Data Rate: 11Mbps



## Wireless-B Ethernet Bridge

- Converts wired-Ethernet devices to Wireless-B (802.11b) network connectivity
- Works without drivers on Macintosh®, Windows®, PlayStation®2, Xbox™, Linux®, network printers—anything with an Ethernet port!
- Provides wireless, cable-free bridging between remote workgroups
- Easily configurable through your web browser

**2.4GHz**  
802.11b  
Data Rate: 11Mbps



## Wireless-B CompactFlash Card

- Wireless-B (802.11b) connectivity for most Pocket PCs
- Fits in a CompactFlash (CF) Type I or Type II slot
- Built-in power management saves battery life
- On-screen management utility for easy setup

**2.4GHz**  
802.11b  
Data Rate: 11Mbps



## Wireless-B PrintServer

- Share a printer with everyone on your network
- No need to dedicate a PC to print server chores
- Data rates up to 11Mbps over Wireless-B (802.11b) networking
- Remotely administered through your web browser

**2.4GHz**  
802.11b  
Data Rate: 11Mbps

# Get Wired



## EtherFast Cable/DSL Router

- Share your high-speed cable or DSL Internet connection with multiple computers
- Setup Wizard helps you set up your home or business network
- Supports Universal Plug-and-Play (UPnP) for easy configuration
- Connect four PCs directly, or daisy-chain out to more hubs and switches as your network grows







### EtherFast Cable/DSL VPN Router with 4-Port Switch

- An Internet connection-sharing Router with built-in VPN capability
- Securely connect from your home office to the corporate network via VPN
- Or use VPN client software to securely connect to your office when travelling
- Connect four local PCs directly, or daisy-chain out to more hubs and switches as your network grows



### EtherFast Cable/DSL Firewall Router with 4-Port Switch/VPN EndPoint

- An Internet connection-sharing Router with built-in advanced Firewall and VPN capability
- NAT and Stateful Packet Inspection Firewall protects your PCs from Internet intruders
- Securely connect from, or to, your home office via VPN
- Connect four local PCs directly, or daisy-chain out to more hubs and switches as your network grows





## Desktop 10/100 Switches

- Autosensing 10/100 ports with auto MDI/MDI-X crossover detection
- Up to 200Mbps full duplex bandwidth at each port
- Compact size fits into any environment—including wall-mount slots
- Address Learning and Aging, and Data Flow Control for enhanced transmission reliability



## Rackmount 10/100 Switches

- Autosensing 10/100 full duplex, auto MDI/MDI-X ports
- Runs at non-blocking, full wire speeds up to 200Mbps
- Address Learning and Data Flow Control for transmission reliability
- Suitable for both desktop or rackmount installations



## Rackmount Gigabit Switches

- 10/100/1000Mbps, half/full duplex, switched ports
- Forwards and filters packets at non-blocking, full wire speed
- All ports have auto speed negotiation and auto MDI/MDI-X crossover detection
- Linksys reliability and limited lifetime warranty



## 24-Port 10/100 + 1-Port Gigabit Switch

- 24 autosensing 10/100 full duplex, auto MDI/MDI-X ports
- One Gigabit (10/100/1000BaseTX) MDI/MDI-X port, and one mini GBIC expansion port
- Address Learning and Data Flow Control for transmission reliability
- Linksys reliability and limited lifetime warranty



## Desktop Gigabit Switches

- Five or eight 10/100/1000Mbps, half/full duplex, switched ports
- Forwards and filters packets at non-blocking, full wire speed
- All ports have auto speed negotiation and auto MDI/MDI-X crossover detection
- Supports address learning and aging, 802.3x flow control and head-of-line blocking prevention



## EtherFast 16-Port & 24-Port 10/100 Ethernet Switches

- Sixteen or twenty-four Autosensing 10/100 full-duplex, auto MDI/MDI-X ports
- Up to 200Mbps bandwidth at each port
- Address Learning and Aging and Data Flow Control for transmission efficiency
- Compact size fits into any environment



## EtherFast 16-Port & 24-Port 10/100 Ethernet Switches

- Sixteen or twenty-four Autosensing 10/100 full-duplex, auto MDI/MDI-X ports
- Optional 100BaseFX Fiber Optic Module connects multiple switches at high speed as your network grows
- Up to 200Mbps bandwidth at each port
- Address Learning and Aging and Data Flow Control for transmission efficiency



## EtherFast 10/100 Auto-Sensing Switches

- Each port independently detects 10Mbps or 100Mbps speed
- Seamless integration with your existing 10BaseT, 100BaseTX or 10/100 network
- Channels full-duplex, dedicated bandwidth to each port for optimal performance
- Easy to use—no configuration required



## EtherFast 10/100 32-Bit Integrated CardBus PC Card

- CardBus PC Card 10/100 Ethernet network interface
- Fully integrated design—no dongles to lose or break
- Low power consumption and auto-sleep conserve battery life
- Automatically adjusts to either 10Mbps or 100Mbps speeds



## Gigabit Network Adapters

- Easy-to-use Plug-and-Play 10/100/1000 32- or 64-bit PCI network card
- Full-duplex transfers provide up to 2000Mbps bandwidth
- Gigabit speed now available using standard networking cable—no fiber cabling necessary



## EtherFast 10/100 LAN Card

- Easy to use Plug-and-Play 10/100 PCI LAN card
- Full-duplex transfer rate up to 200Mbps
- Connects to both 10Mbps Ethernet and 100Mbps Fast Ethernet networks
- Power-on your PC from anywhere on the network with Wake-On-LAN management



## Compact USB 2.0 10/100 Network Adapter

- Connects to 10/100 networks at a full 100Mbps via USB 2.0
- Compact size for greater flexibility
- Also compatible with USB 1.1 desktop and notebook computers
- Plug-and-Play compatible with Windows 98SE, 2000, Millennium, and XP



## USB VPN & Firewall Adapter

- A USB-attached network interface with firewall safety and a secure communication link
- Establishes an IPSec Virtual Private Network tunnel to your corporate network
- Advanced firewall with Stateful Packet Inspection protects your PC from Internet attacks, wherever you connect
- USB interface—works with virtually any PC



## Integrated KVM 2-Port Switch (PS/2)

- Easily control two PCs from a single keyboard, mouse, and monitor
- Toggle between PCs with quick, hot key combinations
- Convenient built-in cables for a user-friendly, all-in-one design
- Save desktop space, energy, and hardware costs





## EtherFast Network Attached Storage (120GB with PrintServer)

- Affordable, easy-to-use 120-gigabyte Network Attached Storage, print server and Internet FTP server
- An available second hard drive bay lets you add up to 120GB more storage when you need it
- Share music, video, or data files, with managed access by user name or group
- Built-in disk utilities—backup, self test, scandisk, defrag



## EtherFast 3-Port PrintServers

- Three-port print servers let you connect your printer directly to your Ethernet network
- Share a printer with everyone on your network, with no need to dedicate a PC to print server chores
- Supports standard parallel and bi-directional printers
- Remotely administered through your web browser

## Making Networking Easier



Intel and Linksys are working together on verification of Intel Centrino Mobile Technology with currently available Linksys access points and routers. Verified Linksys products have been tested for compatibility and interoperability, further enhancing your wireless experience.

## Award Winning

### Best Technical Support



### Best Products



May, 2003



June 30, 2003  
Linksys Wireless A+G Router  
Linksys

